

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the present application.

Listing of Claims:

1. (withdrawn).
2. (withdrawn).
3. (withdrawn).
4. (withdrawn).
5. (withdrawn).
6. (currently amended) A method of using a drug-coated or drug-loaded stent, comprising: by
inductively heating a the drug-coated or drug-loaded stent above a certain temperature at which drug activity in a the tissue adjacent the stent starts or is substantially enhanced, and maintaining that temperature for a specified period of time.
7. (original) The method of claim 6, wherein the stent is heated by radio frequency (RF) energy.
8. (currently amended) The method of as recited in claim 76, wherein the RF energy is generated via by a sending antenna outside a the patient's body, and the transferring energy is transferred to the stent.
9. (currently amended) A method of as recited in claim 6, wherein a sending antenna is placed inside the stent via by an endovascular catheter inserted through a patient's vessels.

10. (currently amended) A method ~~of as recited in~~ claim 6, wherein the drug activity inhibits ~~is inhibiting~~ proliferation of cells that cause restenosis.

11. (withdrawn).

12. (withdrawn).

13. (withdrawn).

14. (withdrawn).

15. (withdrawn).

16. (withdrawn).

17. (withdrawn).

18. (withdrawn).

19. (withdrawn).

20. (currently amended) A method of delivering a drug in a patient's body, comprising ~~by controllably and inductively~~ heating an implantable prosthetic member that comprises a ~~with the drug, wherein the heating causes the drug to elute the drug from the member to treat~~ the body, and wherein the drug is operative when the member is heated.

21. (withdrawn).

22. (withdrawn).

23. (new) A method for delivery of a drug, comprising inductively heating a stent body that is capable of being heated and comprises a layer of drug material, via exposure to an electromagnetic field, wherein the delivery or effectiveness of the drug material is affected by heat energy from the heated stent body.

24. (new) The method of claim 23, wherein the drug material is substantially effective only when the heat energy from the stent body has heated the drug material.

25. (new) The method of claim 24, wherein the drug material is a drug ingredient adhered to the stent body and is substantially inactive at normal body temperature, and wherein the drug ingredient becomes active after the stent body has heated the drug ingredient to a temperature where it is substantially active.

26. (new) The method of claim 24, wherein the drug material comprises an active ingredient that inhibits restenosis in the stent.

27. (new) The method of claim 24, wherein the drug material is a drug ingredient that is to be delivered to tissue adjacent the stent body, and presence of which enhances drug-tissue interaction when heat from the stent body causes tissue adjacent the stent body to rise above normal body temperature.

28. (new) The method of claim 23, wherein the drug material is substantially ineffective after the heat energy from the stent body has heated the drug material.

29. (new) The method of claim 23, wherein the drug material is a drug ingredient combined with a heat sensitive release material, and the drug material becomes effective after the release material releases a portion of the drug ingredient or becomes ineffective after the release material is heated.

30. (new) The method of claim 23, wherein the drug material is effective while being heated.

31. (new) A method for delivery of a drug, comprising inductively heating an implantable prosthetic member of an apparatus by applying a magnetic field over a patient's body, wherein the member is implanted in the patient's body, and wherein the member comprises a drug that is operative when the member is heated, and is capable of being controllably heated to elute the drug off of the member.

32. (new) The method of claim 31, wherein the method is used for the treatment of prostate disease.

33. (new) The method of claim 31, wherein the method is used for the treatment of diabetic disease.

34. (new) The method of claim 31, wherein the method is used for the treatment of ophthalmic disease.

35. (new) A method for delivery of a drug, comprising heating inductively an implantable device that comprises at least one coated drug material, wherein the device is implanted in a patient's body, and wherein the drug material is delivered to the patient's body when the device is heated.

36. (new) The method of claim 35, wherein the device is inductively heated at a frequency below 1 MHz.